## Abstract of the Invention

A method can identify a type of leukemia in a human subject. A biological sample from the human subject that contains CD antigens is obtained. The sample is contacted with an array of immunoglobulin molecules. Each immunoglobulin in the array, with the exception of one or more negative controls, is capable of interaction with a CD antigen on one or more types of leukemia cells. The pattern of interaction between the immunoglobulin molecules and the CD antigens in said sample is then determined, thereby providing an immunophenotype of the cells which is characteristic of the type of leukemia.